

Conversion of Cadaverine to Piperidine by
Hog Kidney Homogenate, by T. Suzuki,
F. Hagihara, 6 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal
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Vol LXXIV, No 5, May 1954, pp 546, 547.

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CTS 70/Jul 55

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of α -Alkoxyethylene- β -Alkoxypropionitriles, by
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SLA 60-10952

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7, Jul 1954, p 788.

SLA 57-3041

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yakugaku zasshi
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Sci

JUN 58

Sci 7200

Aspo Tech Serv

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lated from Dry Malt. II. Physiological
Properties. (1), by T. Yamamoto, 9 pp.

Yelungolaw Janshi
JAPANESE, per, J Pharm Soc Japan, Vol ^{IV} LXVII,
No 8, 1954, pp 801-805.

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lated from Dry Malt. IV. Toxicity, by
T. Yamamoto, 4 pp.

Yamamoto, T.
JAPANESE, per, J Pharm Soc Japan, Vol LXV, ^{IV}
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Osaka Tech Serv

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CTB 70/Jul 55

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Conductivity, and Their Application, by M.
Ishidate, Y. Kamura, 7 pp.

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pp 827-830, 1954.

Assoc Tech Serv 80G5J

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ATS/JJ-2112

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Report No 2, by T. Tsukamoto, T. Kawasaki,
4 pp.

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No 9, Sep 1954, pp 984-987.

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CTS 70/Jul 55

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The use of Radioactive Elements. I.
Synthesis of -Diethyl-Aminoethyl
Xanthene -9- [^{14}C] Carboxylate
Methobromide, by R. Nakai, M. Sugii,
et al.
JAPANESE, per, Yakugaku Zasshi, vol LXXV,
1955, pp 1014-1016.
*AEC LB/G/ 2399

Sci- Chem
Jul 66

, Yamagishi, M.
ETUDE SUR LA RÉACTION DE LA NINHYDRINE.
Vme Rapport, RÔLE DE L'HYDRINDANTINE etc....
DANS LA RÉACTION DE LA NINHYDRINE (Studies on
Ninhydrin Reaction. V. Role of Hydrindantin, etc., in
Ninhydrin Reaction). 13p. (foreign text included) 8 refs.
Order from OTS, ETC or CNRS \$0.80 62-26924

Trans. In French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 10, p. 1004-1008.

DESCRIPTORS: *Organic compounds, Amines, *Amino
acids, Methyl radicals, Pyridines, Chemical reactions.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

62-26924

1. Title: Ninhydrin
reaction
- I. Yamagishi, M.
- II. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

62-26923

Yamagishi, M.
ÉTUDE SUR LA RÉACTION DE LA NINHYDRINE. Vie
Rapport. RÉACTION DE LA NINHYDRINE AVEC LES
AMINES SECONDAIRES (Studies on Ninhydrin Reaction.
VI. Ninhydrin Reaction of Secondary Amines). 11p.
(foreign text included) 6 refs.
Order from OTS, ETC or CNRS \$0.80 62-26923

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 10, p. 1042-1044.

DESCRIPTORS: *Organic compounds, *Amines,
Epinephrine, Benzyl radicals, Methyl radicals,
Spectrographic data, Absorption.

1. Title: Ninhydrin
reaction
- I. Yamagishi, M.
- II. Centre National de la
Recherche Scientifique
(France)

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

Office of Technical Services

Yamagishi, M.
ETUDE SUR LA RÉACTION DE LA NINHYDRINE.
VIIe Rapport. RÉACTION DE LA NINHYDRINE AVEC
LES DIAMINES (Studies on Ninhydrin reaction. VII.
Ninhydrin Reaction of Diamines). 10p. (foreign text
included) 7 refs.
Order from OTS, ETC or CNRS \$0.80 62-26922

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 10, p. 1075-1077.

DESCRIPTORS: *Organic compounds, Amines, Amino
acids, *Lysines, Spectrographic data, Absorption.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

62-26922

1. Title: Ninhydrin
reaction
- I. Yamagishi, M.
- II. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Saponins of Japanese Dioscoreaceae. Report
No 3. Paper Chromatography of Dioscin and
Some Related Compounds, by T. Tsukamoto,
T. Kawasaki, A. Naraki, T. Yamuchi, 8 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of
the Pharmaceutical Society of Japan),
Vol LXXIV, No 10, Oct 1954, pp 1097-1100.

NIH

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CTS 70/Jul 55

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Studies on Organic Reagents of the Azo Dyestuff Type. Report No 1. Detection of Zirconium With 4-(p-Dimethylaminophenylazo)-Diphenylarsinic Acid, by Kiyo Tsuji, et al, 15 pp.

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S.L.A. Tr 1051/1956

Sci - Chemistry

39,264

Syntheses of Pyridazine Derivatives (First Report) on
Pyridazine and Its 3- and 3, 6-Substituted Compounds,
by T. Itai, H. Igeta, 12 pp.

JAPANESE, par, *Yakugaku Zasshi*
J Pharm Soc Japan, Vol LXXIV, 1954,
pp 1195-1198.

S.L.A. Tr 883/1956

Sci - Chemistry

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Yamagishi, M.
ÉTUDE SUR LA RÉACTION DE LA NINHYDRINE.
8 e Rapport. LA RÉACTION DE LA NINHYDRINE
AVEC DES COMPOSÉS DU TYPE R1, R2 CH-NH2 ET
SES HOMOLOGUES (Studies on Ninhydrin Reaction,
VIII. (Ninhydrin Reaction of R1R2CH-NH2 Type Com-
pounds and its Homologs). 11p. (Foreign text included)
5 refs. C 9673.
Order from OTS, ETC or CNRS \$0.80 62-26914

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 11, p. 1233-1235.

DESCRIPTORS: *Organic compounds, Amino radicals,
Alkyl radicals, Chemical reactions.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

62-26914

- I. Title: Ninhydrin
reaction
- I. Yamagishi, M.
- II. C-9673
- III. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Studies on Plant Waxes, Report No. 6. Lignans From
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Full translation.

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ceutical Soc. of Japan), Vol LXXIV, No 12, Dec 1954,
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NIH 69

Scientific - Chemistry

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Oct 55
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SYNTHESIS OF 2-BENZIMIDAZOLETHIOL DERIVA-
TIVES. 6p. 4refs.
Order from SLA \$1.10

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TT-64-16907

1. Furuki, K.

Trans. of Yakagaku Zasshi (Japan) 1934, v. 74,
p. 1365-1369.

(Chemistry--Organic, TT, v. 12, no. 4)

Office of Technical Services

Decomposition Mechanism of Sugars VIII.
Platinum Catalytic Oxidation of L-Fucitol,
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JAPANESE, per, Yakugaku Zasshi, Vol LXXIV,
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SLA 59-10271

Sci - Biol.
OBE I, 9
Jun 59

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TAKUGAKU ZASSHI

1955 V75 PIRU-182

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Chemical Methods for the Determination of Antibiotics. Report No. 1. Colorimetric Determination of Dihydrostreptomycin, by K. Kakemi, T. Arita, 7 pp.

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NIH Tr No 112

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maceutical Society of Japan), Vol LXXV, No 2, 1955,
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NIH Tr No 113

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Scientific - Chemistry

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NIH 3-10

Sci - Medicine
Apr 58

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Saponins of Japanese Dioscoreaceae. Report
No 4. Gracillin, a New Diosgenin From
Dioscorea Gracillima Miq., by T. Tsukamoto,
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Vol LXXIV, No 10, Oct 1954, pp 1127-1129.

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Scientific - Chemistry
CTS 70/Jul 55

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Hasagawa, J. and Ikeda, K.
THE DISINTEGRATION TIME OF TABLETS.
Pt. 1 of Studies of Tablets. [1962] 9p.
Order from ATS \$12.65 ATS-95P59]

Trans. of Yakugaku Zasshi (Japan) 1955, v. 75,
no. 4, p. 359-363.

DESCRIPTORS: *Drugs, Solubility, Time.

1. Title: Tablets
- I. Hasagawa, J.
- II. Ikeda, K.
- III. ATS-95P59]
- IV. Associated Technical
Services, Inc., East
Orange, N. J.
- V. Title: Studies...

(Biological Sciences--Medical Specialties,
TT, v. 8, no. 2)

Office of Technical Services

Studies on the Application of Polyphosphoric Acid as
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Means of Substituted Benzoic Acids, by Koichi
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SLA 59-15021

Sci - Chem
Sep 59
Vol 2, No 2

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Study of N-Oxides of Aromatic Heterocyclic Compounds.
Part V. Reactions of Derivatives of Pyridine and Quino-
line 1-Oxides with Sulfur-Liquid Ammonia Solution, by
K. Takeda, K. Tokuyama, 4 pp.

Y. Kugakura, 2-2-55
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ATS-3008J

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R-467/N/A

Determination of Sulphur in Organic Compounds. I.
Volumetric Determination With Barium Chromate, by
Tanaka Yeshinasa.

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*JPRS for Army Rocket & Guided
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Sci - Chem

25 Jan 61

Measured Absorption Spectra of Diphenyl Ether
Derivatives, by Shoshichiro Kimoto, 5 pp.

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NIH 11-10

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Dec 58

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Syntheses of Pyridazine Derivatives (Second Report)
Syntheses of [4-] Substituted Compounds of 3, 6-
Dimethoxypyridazine. Part I, by T. Itai, H. Igeta,
11 pp.

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S.L.A. Tr 884/1956

Sci - Chemistry

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Synthesis of Compounds Related to Thiose-
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Thiadiazole Derivatives, by K. Kanacks, 5 pp.

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~~Sci 1955-120143~~
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SYNTHESIS OF PIPERAZINES. IV. SYNTHESIS OF
PIPERAZINES FROM p-AMINOETHANOL AND
p-ALKYLAMINOETHANOLS. [1960] 5p.
Order from ATS \$11.75 ATS-04M45]

Trans. of Yakugaku Zasshi (Japan) 1955, v. 75,
no. 11, p. 1318-1321.

143,093

(Biological) Sciences--Pharmacology, TT, v. 5, no. 1)

61-12084

1. Ethanolamines--Chemical reactions
2. Ethylenediamines--Synthesis
- I. Ishiguro, T.
- II. Kitamura, E.
- III. Title: Synthesis...
- IV. ATS-04M45]
- V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

TT-64-12072

Tahiguro, T., Kitamura, E., Matsumura, M., and
Ogawa, H.

SYNTHESIS OF PIPERAZINES. PT. 6. CATALYTIC
VAPOR-PHASE SYNTHESIS OF 1,4-DIAZABYCLO
[2, 2, 2] OCTANE. [1963] 5p
Order from ATS \$9.25 ATS-64Q72J

Trans. of Yakugaku Zasshi (Japan) 1955, v. 75, no. 11,
p. 1370-1373.

DESCRIPTORS: *Piperazines, Synthesis (Chemistry),
Catalysis, *Cyclooctane derivatives.

(See also 61-12084)

- I. Title: 1,4-Diazabicyclo-
[2, 2, 2] octane
- I. Tahiguro, T.
- II. Kitamura, E.
- III. Matsumura, M.
- IV. Ogawa, H.
- V. Title: Catalytic ...
- VI. ATS-64Q72J
- VII. Associated Technical
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East Orange, N. J.

(Chemistry--Organic, TT, v. 11, no. 3)

Office of Technical Services

On the Identity of Rhodotoxin, Andromedotoxin, and
Grayanotoxin. I, by T. Takemoto, Y. Nishimoto,
H. Meguri, K. Katayama, 4 pp.

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Nov 1955, pp 1441-1442.

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NIH 34

Scientific - Chemistry

Metal Chelate Compounds of Tetracycline Derivatives. Part IV. Colorimetric Determination of Aureomycin in Urine by the Borate Complex Procedure Using a Cation Exchange Resin, by T. Satoaguchi, A. Hanaki, 5 pp.

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Assoc Tech Sv -- 79H11J

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Assoc Tech Sv -- 80H11J

Sci
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ATS-2282-JJ

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12 pp.

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No 3, 1956, pp 325-238.

NRH 3-26-60

OTS 60-17154

Sci - Med

May 60

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Study of Atropine Metabolism, (1) Pharmacological Conspectus of Atropanal,
by H. Miyazawa.
JAPANESE, per, Nihon Yakurigaku Zasshi, Vol 52,
No 3, 1956, pp 355-369.
NLL Ref: 3544 1965 (T 89 J)

Sci-B&M
June 66

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Microchemical Studies on Plant Components. Report No 22
Separation and Detection of Morphine-type Alkaloids by
Paper Chromatography, by T. Kariyone, T. Inoue, 11 pp.

JAPANESE, no per, Yakugaku Zasshi, Vol LXXVI, No 6,
Jun 1956, pp 625-629.

NIR Tr No 1-13

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Sci - Chemistry
Feb 1957 CTS/dex

Microchemical Studies on Plant Components.
XNIII. Separation of Xanthine Derivatives
by Paper Chromatography, by T. Inoue.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVI,
No 6, 1956, pp 629-631.

ATS JJ-1991

Sci - ^{Biol} Chem

Jan 60

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Chemical Studies on Placental Chorionic Gonadotropin.
Report No 1. Extraction and Purification of Chorionic
Gonadotropin From Human Placental Tissue, by. S.
Matshushima, S. Namba, 15 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVI, No 6, June
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NIH Tr 5-13

Sci - Med
May 58

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NIH 6-11

Sci - Med
Jul 58

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Microchemical Studies on Plant Components. XXIV.
Separation of Xanthine Derivatives by Paper
Ionophoresis, by T. Kariyone, T. Inoue.

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ATS JJ-1992

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Sci - ~~XXXX~~

Jan 60

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Studies of the Errors in Organic Microanalysis
Standardization and Method of Control of Carbon
and Hydrogen Analyses, by H. Fujiwara, M. Kan,
6 pp.

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JAPANESE, per, J. Pharm soc Japan, Vol LXXVI,
No 8, 1956, pp 883-886.

Asso Tech Ser 10H14J

Jul 58

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Studies of the Errors in Organic Elemental
Microanalysis. III. Studies on the Sources
of Error in the Determination of Carbon and
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pp 886-892, 1956.

Assoc Tech Serv L1H14J

Sci - Chem
Aug 58

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Ring Cleavage of the Pyrrolidine Nucleus,
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Asso Tech Serv-51HL3J
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Sci

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Commerce/Patent Office

R-5408-D

Studies on Optically Active Phenylpropanolamine
Derivatives(Pts 1 and 2), by Hideji Takamatsu,
Journal of the Pharmaceutical Society of Japan,
Vol 76, No 11, 1956, pp 1219-1226

Japanese

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Yakugaku
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Synthetic Studies on Glucuronic Acid Derivatives.
I. The Synthesis on Aryl- -D-Glucopyranosidu-
ronic Acids, by Hisao Tsukanoto, Masatomo Hamana,
Keitaro Kato, Takeshi Kuroda, 13 pp.

JAPANESE, per, ~~Yakugaku Zasshi~~, Vol LXXVI,
1956, pp 1282-1287.

~~1282-1287~~ UCRL Tr 301

Sci - Chemistry
Jun 57

48, 310

Analytical Separation of Insulin from Whale Pan-
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K. Higashi, 5 pp.

Yakugaku Zasshi
JAPANESE, per, J Pharm Soc Japan, Vol LXXVI, Dec
1956, pp 1359-1361.

BIA 57-2304

Jul 98

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Agency: FBI
F.O. NO.: FBI-T-69-2

5 Feb. 1969
R-10,118-D

Title: Studies on the fluorometry of drugs. I.
Fluorometric determination of Atropine with
Rosine Y (tetrabromofluoresceine).

Author: Shuntaro Ogawa, Minoru Morita et al
Source: Yakugaku Zasshi 89(7):650-53, 1969 (4pp)

Language: Japanese

Special Instruction: Please translate and type 1 copy.

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Studies on the Constituents of Rhizoma
Nupharis. Pt. VII, Constituents of Anhydronu-
pharaneol. Pt. VIII, Exhaustive Methylation
of Desoxynupharidine. IX Constitution of
Anhydronupharaneol. X Constitution of
Desoxynupharidine, by Y. Arata, T. Ohashi.
JAPANESE, per, Yakugaku Zasshi, Vol 77, No 3,
1957, pp 225-237.
NRC C-5330

Sci-B&M
June 66

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Studies on the Alkaloids of Menispermaceous Plants.
Rpt No 152, Alkaloids of *Stephania capitata* Spreng.
Part 6. Synthesis of di-Stephanine, by M. Tomita,
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Mar 1957, pp 290 293.

NIH 12-1

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Sci - Biol

Jan 58

Determination of Nitrogen. I. Samples With
Which It is Difficult to Obtain Accurate Results,
by N. Misukami, et al.

JAPANESE, Jor, Tokugaku Zasshi, Vol LXXVII, No 3,
1977, pp 318-316.

Assoc Rech Serv JJ-1490
" " " 20K243

Sai - Chem

Apr 79

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Nitrogen Analysis. II. Correction of Azotometer Readings and Improvement of the Azotometer, by S. Mizukami, K. Miyahara.

JAPANESE, per, Yakuigaku Zasshi, VOL LXXVII, No 3, 1977, pp 316-318.

Assoc Tech Serv JJ-1491
" " " 83KBJ

Sci - Chem

Apr 79

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On the Pharmacological Effect of Pheno Thiazine
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Yoshio Kowa, Goro Hayashi, 17pp
JAPANESE, per, Yakugaku Zasshi, Vol 77, 1957,
pp 362-366
SIA TT-65-10060

Sci - Biol
June 67

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Chemical Studies on Placental Chorionic Gonadotropic
Hormone, Rpt No 1. Extraction, Purification, and
Sugar of the Principle of the Mainini Reaction,
by M. Kikusani, 15 pp. UNCLASSIFIED

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HHH 2-20

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Sci - Med

Mar 58

Kikutani, Motosuke.
ON THE PHYSICAL PROPERTIES OF THE PRINCIPLE
OF THE MAININI REACTIONS. Rept. 2 of Chemical
Studies on Placental Chorionic Gonadotropic Hormone.
[1963] 13p. (figs, tables omitted) 13 refs.
Order from SLA \$1.60

63-14611

Trans. of Yakugaku Zasshi (Japan) 1957, v. 77, no. 4,
p. 375-379].
Another trans. is available from SLA as 58-112.

DESCRIPTORS: *Glycoproteins, Proteins, *Pituitary
hormones, Molecular structure, Molecular weight,
Reproductive system, Membranes (Biology), Electro-
phoresis, Diffusion, Physical properties.

! Various physical constants were determined for the
principle of the Mainini reaction (MG), isolated from
human placenta as a roughly homogeneous product
according to electrophoretic and ultracentrifugal exami-
(Biological Sciences--Biochemistry, TT, v. 10, no. 5)
(over.)

63-14611

I. Title: Mainini reactions
I. Kikutani, M.
III. Title: Chemical . . .

NIH 2-21

Office of Technical Services

Action of Acid and Alkali on 8-Azaguanine, by S.
Yanada, T. Minoguchi, A. Ayata, 5 pp.

Yakugaku Zasshi
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SIA 58-178

Sci.

Aug 59

93,676

Syntheses of Pyrimidine Derivatives. X. Studies
on the Syntheses of 2-Methyl-4-Amino-5-
Alkoxyethylpyrimidine and 2-Methyl-4-Amino-5-
Acetamidomethylpyrimidine, by Akira Takamizawa,
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